

Technical Sheet		BC-12C		Nitta Corp. of America	
C-008M				9/4/98	
ITEM		DESCRIPTION			
Belt Specs	Structure	<p>PVC (green) - 80° shore A - 0.4mm thick</p> <p>2.7 mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p> <p>PVC (green)-90° shore A-0.55mm thick-SQPR Profile</p>			
	Anti-Static	YES			
Manuf. Standard	Size	Width : 2000 or 3000 mm	78 or 118 in		
		Length : 100 m	328 ft		
Belt Properties	Tensile Strength	120 N/mm	686 lbs/in		
	Elongation at Break	12 %			
	Standard Tension	0.5 %			
	Working Load at 1%	8 N/mm	46 lbs/in		
	Min. Pulley Diameter	Finger Joint : Ø35 mm	1.38 in		
		Skiver Joint : Ø60 mm	2.36 in		
	Temperature Range	Continuously: -10 to +70 °C	14 to 158 °F		
		Periodically : -20 to +100 °C	-4 to 212 °F		
	Coefficient of Friction (STEEL)	top : 0.7 to 0.8			
Bottom : 0.3 to 0.4					
Mass	2.9 kg/m <sup>2</sup>	0.59 lbs/ft <sup>2</sup>			